



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
February 24, 2011



Overview



Radiological Project Work Overview

- Current Project Map
- SS/SD Removal and Building Survey Update
 - Crisp Rd.
 - Parcel C
 - Parcel D-1
 - Parcel E 500-Series

Reports, Lab, and Pier Demo Update



2011 Radiological Projects



LEGEND

NAVY PROPERTY BOUNDARY (OFFS)

PROJECT AREAS

- IMPACTED BUILDINGS OR SITES CONTROLLED BY TTEC
- IMPACTED SITES THAT HAVE OBTAINED REGULATORY RELEASE
- ERRC IR-07/18 CAP
- EMS BIN STORAGE
- MACTEC (ERS/JV) PIER REMOVAL
- SHAW D1
- SHAW PCB
- TTEC CRISP ROAD
- TTEC RSY'S
- TTEC PARCEL C
- TTEC PARCEL E 500 SERIES
- RSY PADS





Crisp Rd/Parcel E SS/SD Removals & Building Surveys



- SS/SD line removal, survey, and backfill is complete
- Crisp Road completed and paved
 - Navy reviewing storm water control design
- Bldg 406 – CDPH confirmation survey completed November 18, 2010
- Bldg 810 – Final FSS issued, CDPH Confirmation Survey scheduled for March 3, 2011
- Bldg 414 – Draft FSS submitted to Agencies on February 15, 2011
- Site 701 – Draft FSS under RASO review
- Site 704 – Draft FSS under RASO review
- Bldg 707 Triangle – Field work ongoing
- IR-04 Scrap Yard - Field work ongoing



Parcel C

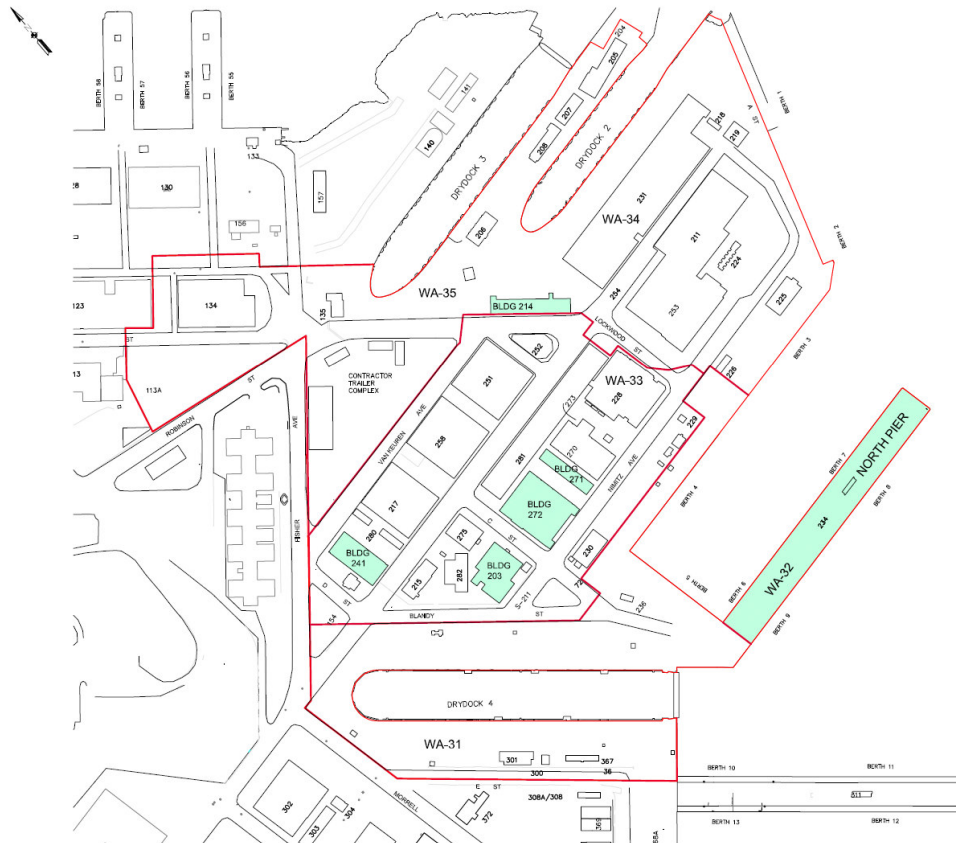
Storm Drain & Sewer Removals and Building Surveys



- SS/SD line removal commenced in Central Parcel C on January 4th
 - Excavated SS/SD through February 15, 2011:
 - 5,149 linear feet
- Building Final Status Surveys
 - Completed Survey of Building 272 on February 7, 2011
 - Continue Survey of Building 271
- Building 203
 - Performing pre-TSP fire-brick and asbestos abatement of four furnaces prior to developing TSP
- North Pier
 - Radiological survey and SS/SD removal following Pier Demo project



- WORK AREA BOUNDARIES
— PARCEL C BOUNDARY
■ IMPACTED BUILDINGS SCOPE FOR
FINAL STATUS SURVEYS





Parcel D-1 Current Field Work Status



- Storm Drain and Sanitary Sewer Removal
 - Excavated soil and pipe removal thru February 17th
 - 4750 lineal feet





Current Field Work Status



- Gun Mole Pier
 - Completed gamma walk over survey and Field Instrument for the Detection of Low Energy Radiation (FIDLER) Survey
 - 38 Survey Units evaluated. Six showed detections above the investigation level and will be further investigated.
 - Started removal and stockpiling of asphalt, rails and ties
- South Pier
 - Completed survey and sampling
 - Two Cesium 137 detections above investigation levels in one SU to date
 - Awaiting analytical results for remaining SUs.



Current Field Work Status



- Building 274
 - No detections Above investigation Levels
- Building 383
 - Completed building foundation removal
- Building 313,313A & 322 sites - Surveyed and Sampled
 - Elevated levels of Cesium 137 and Radium 226 above action limits
 - Revised TSP for additional survey, sampling & remediation



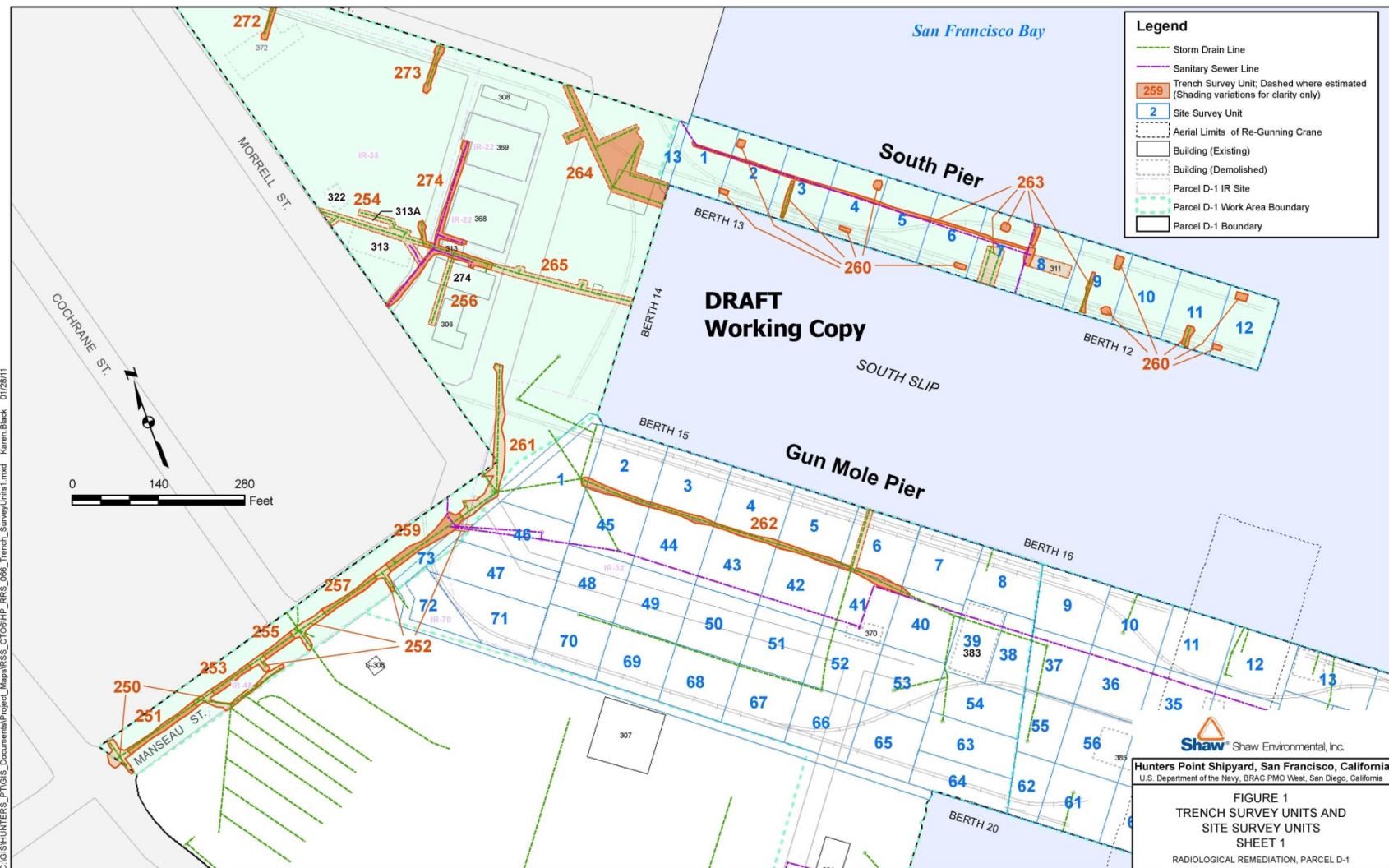
Upcoming Field Work



- Continue to remove SS/SD lines
- Building 313,313A & 322 sites – Complete additional survey, sampling, and remediation
- Continue asphalt removal and characterization survey and sampling for the Gun Mole Pier
- Begin backfilling trenches with RASO approval
- Develop and submit Survey Unit Project Reports (SUPRs)



Parcel D-1 Storm Drain & Sewer Removals and Building Surveys





Parcel E 500 Series



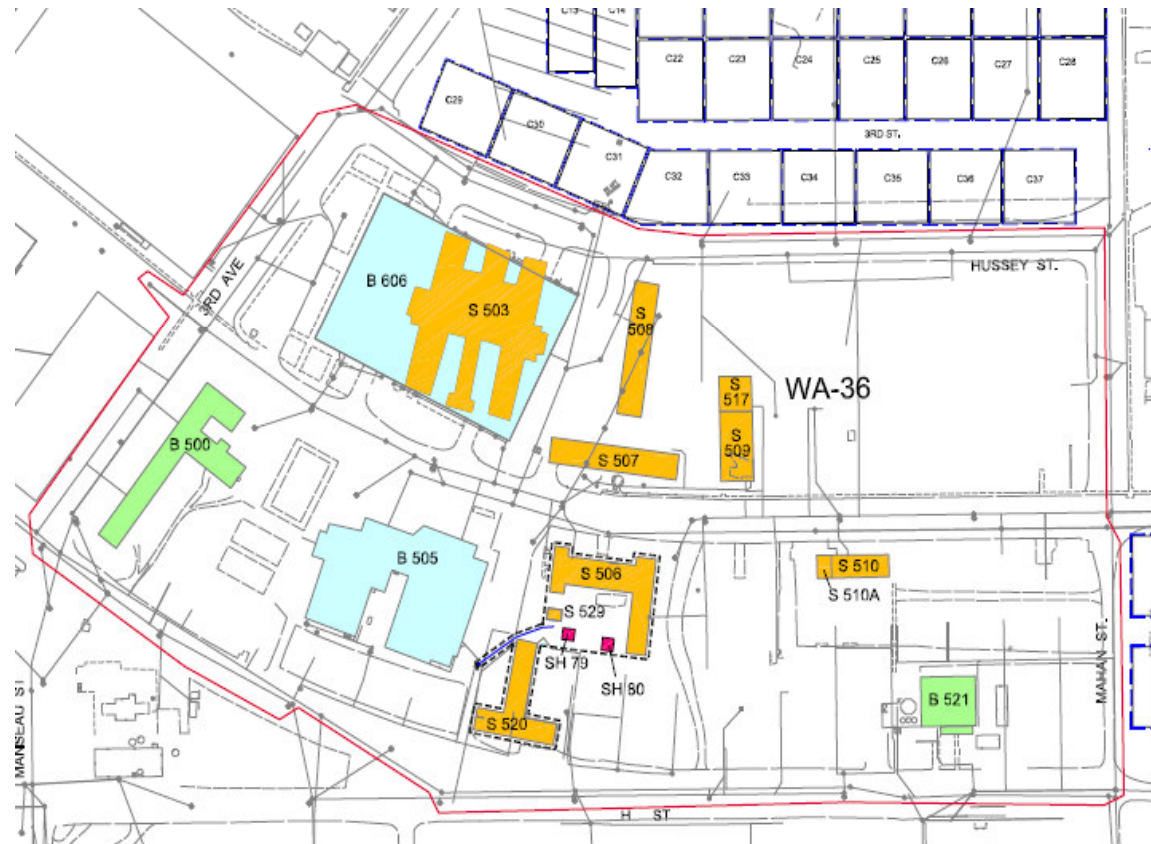
- Final Project Work Plans for the SS/SD removal and site clearing activities completed:
 - Final Execution Plan submitted January 20, 2011
 - Final Design Plan submitted February 18, 2011
- Field Work
 - Setting up perimeter fencing to establish RCA
 - Clearing and grubbing and site preparation
 - No excavation or surveys to date
- TSPs for Parcel E will be developed as clearing and grubbing of site allows Tt to confirm current site conditions.



Impacted Building and Sites Within Parcel E 500 Series Area



- LEGEND**
- WORK AREA BOUNDARY (WA-36)
 - - - RADIOACTIVE MATERIAL AREA
 - STORM DRAIN LINE
 - NON-IMPACTED BUILDINGS
 - IMPACTED BUILDINGS
 - IMPACTED BUILDING SITES
 - IMPACTED SHACK SITES
 - RSY 2, 3 AND 4 SCREENING PADS





Reports, Laboratory, and Pier Demo Update



Parcel B Building Survey Status



- All Parcel B Building Surveys Complete
 - Building 157 – CDPH took receipt of samples for confirmatory analysis on December 3, 2010
 - Building 140 Discharge Channel – Final FSS Issued February 16, 2011; CDPH Confirmation Survey scheduled for March 3, 2011
 - B-140 Tech Memo under RASO review



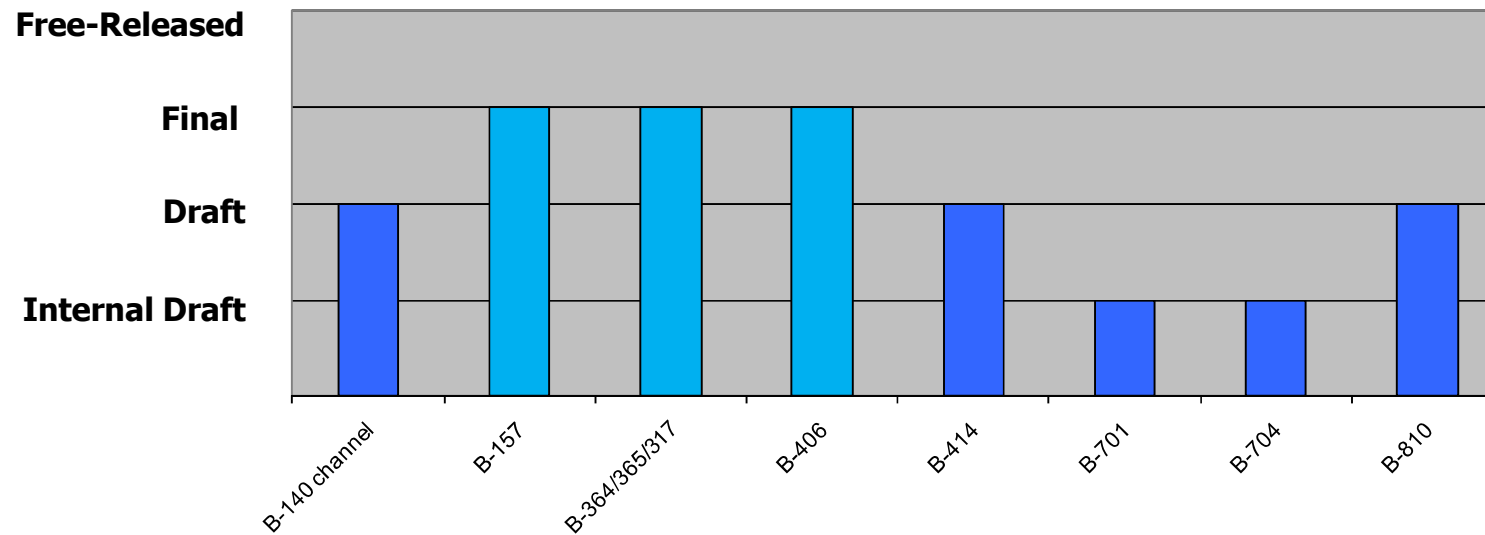
Parcel G Building Survey Status



- All Building Surveys Complete
 - Building 364/365/317 – CDPH took receipt of samples for confirmatory analysis on December 3, 2010



Parcel B, G, and E Buildings Awaiting Free Release



Waiting for concurrence for
Free-Release determination





On-site Laboratory Update



- New on-site radiological laboratory is fully operational.
- All 12 new detectors are operational, second laboratory trailer was brought online on February 9, 2011.
- Since becoming operational on January 24, 2011, prepared and analyzed 1,942 samples



IR07/18 Modeling Update



- The Navy has prepared an internal draft for the Radiological Risk and Dose Modeling for Sites IR-7 and IR-18 using RESRAD
- Navy will schedule a meeting with DTSC/CDPH to discuss site specific modeling input parameters in detail with the agencies
- When site specific modeling input parameters are agreed upon, these will be utilized in the modeling, and a draft model will be submitted to the agencies for review



Pier Demo Field Update



Anticipate demolition work to commence March 14, 2011.





Comments, Questions, Concerns ???